



US008160963B2

(12) **United States Patent**
Risan et al.

(10) **Patent No.:** **US 8,160,963 B2**
(45) **Date of Patent:** ***Apr. 17, 2012**

(54) **METHOD AND SYSTEM FOR PROVIDING
LOCATION-OBSCURED MEDIA DELIVERY**

(75) Inventors: **Hank Risan**, Santa Cruz, CA (US);
Edward Vincent Fitzgerald, Santa
Cruz, CA (US)

(73) Assignee: **Music Public Broadcasting, Inc.**, Santa
Cruz, CA (US)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 90 days.

This patent is subject to a terminal dis-
claimer.

(21) Appl. No.: **12/833,671**

(22) Filed: **Jul. 9, 2010**

(65) **Prior Publication Data**

US 2010/0275272 A1 Oct. 28, 2010

Related U.S. Application Data

(63) Continuation of application No. 10/218,241, filed on
Aug. 13, 2002.

(60) Provisional application No. 60/323,468, filed on Sep.
18, 2001, provisional application No. 60/379,979,
filed on May 10, 2002.

(51) **Int. Cl.**
G06F 21/00 (2006.01)

(52) **U.S. Cl.** **705/57**; 705/904; 705/51; 726/5;
713/176

(58) **Field of Classification Search** **705/57**
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,021,438 A * 2/2000 Duvvoori et al. 709/224
6,718,328 B1 * 4/2004 Norris 709/229

6,917,923 B1 * 7/2005 Dimenstein 705/51
6,947,557 B1 * 9/2005 Megiddo et al. 380/30
6,952,836 B1 * 10/2005 Donlan et al. 725/116
7,047,241 B1 * 5/2006 Erickson 1/1
7,058,597 B1 * 6/2006 Ronning et al. 705/26.35
7,203,838 B1 * 4/2007 Glazer et al. 713/176
2001/0027491 A1 * 10/2001 Terretta et al. 709/238
2002/0002468 A1 * 1/2002 Spagna et al. 705/1
2003/0028765 A1 * 2/2003 Cromer et al. 713/164
2003/0221127 A1 * 11/2003 Risan et al. 713/201
2005/0060542 A1 * 3/2005 Risan et al. 713/165
2005/0192815 A1 9/2005 Clyde

OTHER PUBLICATIONS

Music Public Broadcasting, "Response to Request for Information.
[online]", [http://net.educause.edu/elementents/attachments/rfi/rfi_2/
Music_Public_Broadcasting_original.pdf](http://net.educause.edu/elementents/attachments/rfi/rfi_2/Music_Public_Broadcasting_original.pdf), (Aug. 20, 2003), 10.
"Music Public Broadcasting", *MPB Response to JCHEEC Technol-
ogy Task Force RFI #2*, (Aug. 20, 2003), 10 pages.

* cited by examiner

Primary Examiner — Jamie Kucab

(57) **ABSTRACT**

One embodiment of the present invention enables delivery of
"on-demand" high fidelity media content to computers via the
Internet while restricting unauthorized users from directly
retrieving media content from its source database. Once the
computer receives the media, it is stored using hidden direc-
tories so that it may not be easily shared with others. Within
the present embodiment, there are different functionality that
are implemented in order to protect and monitor the media
content source. For example, the actual address location of
the media database is hidden from content recipients while its
address directory is periodically change making past
addresses obsolete. Additionally, an access key procedure
and rate control restrictor may also be implemented to moni-
tor and restrict suspicious media content requests. By imple-
menting these and other functionality, the present embodi-
ment restricts redistribution of delivered media content and
provides a means for compensating owners of copyrighted
media content.

18 Claims, 5 Drawing Sheets

